

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1016	425/174.4.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 13:42
S2	500	264/401.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 13:42
S3	102791	"electron beam"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 13:43
S4	103	S1 and S3	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 21:46
S5	72	S2 and S3	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 21:45
S6	23768	"sealed container"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 21:46
S7	0	S5 and S6	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 21:46
S8	0	S4 and S6	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 21:46
S9	777038	"sealed"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 21:46
S10	2	S5 and S9	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 21:46
S11	9	S4 and S9	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 21:56

## EAST Search History

S12	29	((("6316153") or ("20030075836") or ("6401001") or ("6376148") or ("5786023") or ("20030067098") or ("20020149137") or ("20020195747") or ("20030063138") or ("5622216") or ("5697043") or ("5738817") or ("5745834") or ("5775402") or ("5786562") or ("5787965") or ("5849238") or ("5893404") or ("6149072") or ("6180049") or ("6214279") or ("6228437") or ("6251340") or ("6268584") or ("6306467") or ("3971860") or ("6405095") or ("6409902") or ("6471800"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/26 16:33
S13	1	("4863538").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/26 16:35
S14	1017	425/174.4.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/26 16:35
S15	682	264/401	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/26 16:35
S16	500	264/401.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/26 16:35
S17	23138	"power generator"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/26 16:35
S18	2	S14 and S17	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/26 16:51
S19	0	S16 and S17	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/26 16:36
S20	2	((("5578227") or ("5281789"))).PN.	USPAT; USOCR	OR	OFF	2005/11/26 16:52
S21	984672	"wall"	USPAT	OR	OFF	2005/11/27 12:39
S22	190517	"ceramic"	USPAT	OR	OFF	2005/11/27 12:39
S23	1163	S21 near S22	USPAT	OR	OFF	2005/11/27 12:39
S24	18811	S21 same S22	USPAT	OR	OFF	2005/11/27 12:39

## EAST Search History

S25	1100	425/174.4	USPAT	OR	OFF	2005/11/27 12:39
S26	708	425/174.4.ccls.	USPAT	OR	OFF	2005/11/27 12:40
S27	390	264/401.ccls.	USPAT	OR	OFF	2005/11/27 12:40
S28	0	S23 and S26	USPAT	OR	OFF	2005/11/27 12:39
S29	0	S23 and S27	USPAT	OR	OFF	2005/11/27 12:39
S30	1017	425/174.4.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/27 12:40
S31	500	264/401.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/27 12:40
S32	1439	"ceramic wall"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/27 12:40
S33	11514	"metal wall"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/27 12:40
S34	0	S30 and S32	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/27 12:40
S35	2	S30 and S33	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/27 12:40
S36	0	S31 and S32	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/27 12:40
S37	0	S31 and S33	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/27 12:40
S38	271	425/DIG.60	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 13:42
S39	521	"freeform fabrication"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/28 10:50
S40	0	S38 and S39	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/28 10:51

## EAST Search History

S41	818	264/402-412.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 13:42
S42	158	264/497.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 13:42
S43	15403	"pump system"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/28 10:51
S44	687758	"pump"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/28 10:51
S45	112	S41 and S44	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/28 10:52
S46	22	S42 and S44	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/28 11:21
S47	224577	"camera"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/28 11:21
S48	40	S41 and S47	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/28 11:21
S49	7	S42 and S47	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/28 11:22
S50	1690	219/121.12,121.15,121.64.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/25 11:05
S51	118	"wire feedstock"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/25 11:05
S52	6	S50 and S51	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/25 11:06
S53	107063	"electron beam"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/25 11:06
S54	10	S51 and S53	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/25 11:06
S55	3	S50 and S54	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/25 11:06

## EAST Search History

S56	2700	219/121.63,121.65,121.16,121.21, 121.86,121.64,121.12,121.15.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 11:02
S57	107215	"electron beam"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 11:44
S58	852	S56 and S57	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 11:44
S59	119	"wire feedstock"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 11:44
S60	3	S58 and S59	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/10 17:19
S61	833484	"vacuum"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 11:46
S62	48089	S57 and S61	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 11:46
S63	503	S56 and S62	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 11:46
S64	921	"screen conveyor"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 17:26
S65	13663	"screw conveyor"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 17:26
S66	1	S64 near S65	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 17:27
S67	95	S64 and S65	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 17:38
S68	38	S64 same S65	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 17:30
S69	2702	219/121.63,121.65,121.16,121.21, 121.86,121.64,121.12,121.15.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/10 17:19
S70	107412	"electron beam"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/10 17:19

## EAST Search History

S71	852	S69 and S70	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/10 17:19
S72	119	"wire feedstock"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/10 17:19
S73	3	S71 and S72	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/10 17:19
S74	834708	"vacuum"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/10 17:19
S75	0	S73 and S74	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/10 17:19
S76	842	S69 and S74	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/10 17:20
S77	0	S72 and S76	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/10 17:20

## EAST Search History

S78	83	("2952868"   "3114654"   "3574650"   "3579721"   "3596275"   "4133854"   "4151014"   "4216178"   "4264641"   "4302166"   "4346387"   "4419303"   "4428894"   "4533383"   "4537684"   "4628040"   "4640806"   "4671906"   "4689074"   "4744821"   "4762553"   "4762975"   "4777995"   "4787935"   "4788016"   "4795330"   "4810284"   "4822267"   "4919854"   "4925708"   "4929400"   "4938816"   "4944817"   "4945032"   "4956128"   "4966737"   "4971133"   "4981425"   "4981625"   "4988464"   "5015424"   "5032172"   "5049404"   "5053090"   "5054539"   "5076869"   "5126165"   "5139824"   "5140937"   "5143139"   "5147448"   "5155321"   "5155324"   "5171360"   "5176874"   "5182055"   "5182715"   "5217653"   "5226948"   "5236637"   "5256340"   "5257657"   "5259593"   "5266098"   "5281789"   "5286573"   "5292594"   "5296062"   "5301415"   "5301863"   "5312509"   "5320908"   "5340090"   "5344298"   "5352405"   "5365996"   "5382308"   "5398193"   "5520715").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 10:46
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## EAST Search History

S79	83	("2952868"   "3114654"   "3574650"   "3579721"   "3596275"   "4133854"   "4151014"   "4216178"   "4264641"   "4302166"   "4346387"   "4419303"   "4428894"   "4533383"   "4537684"   "4628040"   "4640806"   "4671906"   "4689074"   "4744821"   "4762553"   "4762975"   "4777995"   "4787935"   "4788016"   "4795330"   "4810284"   "4822267"   "4919854"   "4925708"   "4929400"   "4938816"   "4944817"   "4945032"   "4956128"   "4966737"   "4971133"   "4981425"   "4981625"   "4988464"   "5015424"   "5032172"   "5049404"   "5053090"   "5054539"   "5076869"   "5126165"   "5139824"   "5140937"   "5143139"   "5147448"   "5155321"   "5155324"   "5171360"   "5176874"   "5182055"   "5182715"   "5217653"   "5226948"   "5236637"   "5256340"   "5257657"   "5259593"   "5266098"   "5281789"   "5286573"   "5292594"   "5296062"   "5301415"   "5301863"   "5312509"   "5320908"   "5340090"   "5344298"   "5352405"   "5365996"   "5382308"   "5398193"   "5520715").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 10:46
S80	7	("5787965").URPN.	USPAT	OR	OFF	2006/05/11 10:46
S81	7	("5787965").URPN.	USPAT	OR	OFF	2006/05/11 10:46



## EAST Search History

S82	83	( "2952868"   "3114654"   "3574650"   "3579721"   "3596275"   "4133854"   "4151014"   "4216178"   "4264641"   "4302166"   "4346387"   "4419303"   "4428894"   "4533383"   "4537684"   "4628040"   "4640806"   "4671906"   "4689074"   "4744821"   "4762553"   "4762975"   "4777995"   "4787935"   "4788016"   "4795330"   "4810284"   "4822267"   "4919854"   "4925708"   "4929400"   "4938816"   "4944817"   "4945032"   "4956128"   "4966737"   "4971133"   "4981425"   "4981625"   "4988464"   "5015424"   "5032172"   "5049404"   "5053090"   "5054539"   "5076869"   "5126165"   "5139824"   "5140937"   "5143139"   "5147448"   "5155321"   "5155324"   "5171360"   "5176874"   "5182055"   "5182715"   "5217653"   "5226948"   "5236637"   "5256340"   "5257657"   "5259593"   "5266098"   "5281789"   "5286573"   "5292594"   "5296062"   "5301415"   "5301863"   "5312509"   "5320908"   "5340090"   "5344298"   "5352405"   "5365996"   "5382308"   "5398193"   "5520715").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 10:46
S83	2705	219/121.63,121.65,121.16,121.21, 121.86,121.64,121.12,121.15.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 13:41
S84	24714	"sealed container"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 11:02
S85	12	S83 and S84	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 11:03
S86	835479	"vacuum"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 11:03
S87	842	S83 and S86	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 11:04
S88	31889	"feedstock"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 11:04

## EAST Search History

S89	5	S87 and S88	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 11:04
S90	31	("2131204"   "2793282"   "2942098"   "3041672"   "3219453"   "3275787"   "3328672"   "3432335"   "3607222"   "3634647"   "3795783"   "3864572"   "4036568"   "4190404"   "4207040"   "4218410"   "4264641"   "4318029"   "4374075"   "4377603"   "4431137"   "4474604"   "4488045").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 11:24
S91	13	("4762975").URPN.	USPAT	OR	OFF	2006/05/11 11:25
S92	2767	219/121.63,121.65,121.16,121.21, 121.86,121.64,121.12,121.15.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:41
S93	1076	425/174.4.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:42
S94	528	264/401.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:42
S95	276	425/DIG.60	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:42
S96	852	264/402-412.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:42
S97	180	264/497.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:42
S98	154926	"electron beam"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:43
S99	0	S92 and S93 and S94 and S95 and S96 and S97	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:44

## EAST Search History

S10 0	10	S92 and S93	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:44
S10 1	857	S92 and S98	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:44
S10 2	111	S93 and S98	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:44
S10 3	76	S94 and S98	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:44
S10 4	5	S95 and S98	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:44
S10 5	31	S96 and S98	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:45
S10 6	11	S97 and S98	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:44
S10 7	9603	"wire feed"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:46
S10 8	108	"vacuum subsystem"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:46
S10 9	187	S98 and S107	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:46
S11 0	23393	S107 adn S109	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:46
S11 1	0	S97 and S109	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/10/17 13:46